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P Haller, M Odersky - Coordination Models and Languages, 2007 - Springer ... blocking operations such as system I/O, and can be executed on multiple processor cores in parallel. ... For example, a web server might represent active user sessions as actors, and make heavy use ... This is desirable since the time between **client** requests might be arbitrarily long ... Cited by 21 - Pelated articles - Bt. Uirect - All 13 versions

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... There are several reasons why parallel applications need a parallel file system such as GPFS and why such applications ... a buddy buffer to temporarily store data for I/O operations that originated at a client node ... Single Server Performance - POWER3 SMP Thin and Wide Nodes ...

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A Esposito - Advances in Information Technologies for ... - Springer

... oriented language). HTML Figure 1-2. Traditional Web model. It is a client-server model, where clients request documents stored on server platforms. Page 11.

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A Simon, M Adjouadi, M Ayala - IEEE Potentials, 2006 - leeexplore leee.org

... Configuration Component Server Component Web Service Worker Thread Client Component Web Service Worker Thread ... 2-7. • I. Abdul-Fatah and S. Majumdar, "Performance of CORBA-based client- server," IEEE Trans. ... Workshops Parallel Processing, June 2005, pp 29-...

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## Iterators, schedulers, and distributed-memory parallelism

G Graefe - Software: Practice and Experience, 1996 - Interscience wiley.com ... permits supporting multiple operation system and hardware platforms in today's multi- vendor client-server systems. ... in the Gamma project, which we call the 'bracket model' of parallel query evaluation ... operator in Figure 2 is actually executed by a set of 'worker threads', a design ...

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... We implemented a Glenda and PT-PVM version of a data **parallel** version of the Sieve of ... for (i = 0; i < NUMPROCS; i++) { csSpawn\_1(worker, &i, CS\_THREAD, "DISTRIBUTED", &new, p); sprintf(p name, "worker %d", i ... sages as well as a multithreaded client/server model. ...

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... A worker thread is spawned for each incoming connection and is ... The Client-Server Modules Whenever a user wants to ac-cess an object, the client side security module transparently contacts the security manager and obtains a credential for the requested object. ...

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... sets the maximum number of **threads** that can be **spawned** by an individual **client** process to ... a result of network contention for the single network in- terface on the **server** side. ... Ohio State University wrote a wrapper around the popular tool BLAST that performs queries in **parallel**. ...

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